UCSF newsbreak

NEWS FOR THE UCSF CAMPUS COMMUNITY

VOL. 14, NO. 12 JUNE 4, 1999

INSIDE

Cancer researchers get support for innovative projects 3

UCSF celebrates commencement 1999 4-5

Expert explains how to keep bones healthy in new book 7

LISA CISNEROS

Amy Levine, director of the UCSF Center for Gender Equity, left, honored Karen Newhouse, special assistant for diversity, planning and management in the Office of Affirmative Action, Equal Opportunity and Diversity, for her efforts on behalf of women and people of color.

A salute to activism and advocacy

A ballroom bulging with nearly 325 faculty, administrators, staff, community members and others attended the 20th anniversary of the UCSF Center for Gender Equity, which has evolved over the years broadening its education, advocacy and support services for women, lesbian, gay, bisexual and transgender people. Director Amy Levine presented awards to five campus and community activists who have worked to end violence, foster racial tolerance, improve campus life through arts and activities and enhance women's health. Levine also was honored by Dorothy Bainton, vice chancellor of academic affairs, who praised her leadership, energy and commitment to making UCSF a better place.

Editor's note: This is the first in an occasional series about the challenges of UCSF Stanford Health Care as well as an analysis of the trends shaping the future of medicine and medical education. This first article presents an overview of the current situation.

UCSF Stanford Health Care works toward financial recovery

BY LISA CISNEROS

In its second year as a merged organization, UCSF Stanford Health Care is taking steps to ensure its marketplace survival as a united health care organization.

Amid criticism and concern over the current financial crisis, officials with both universities stand by their November 1997 decision to combine patient care services. In recent weeks top-level administrators, including Chancellor Mike Bishop and Dean Haile Debas, have defended the historic union as the best strategy for the survival of both academic medical centers.

Although both UCSF and Stanford are serving a higher volume of patients — seeing an overall 8.9 percent increase in patient days across both campuses — the growth in clinical activity at UCSF has not translated into profitability. Shrinking Medicare payments have left revenues flat. Income has been affected by soaring expenses and investments in infrastructure improvements, such as information technology. Of the $125 million UCSF Stanford has committed to upgrade information systems before year 2000, for example, about two-thirds will be spent at UCSF where systems have suffered from inconsistent and inadequate investment.

Consequently, after posting a $20 million operating gain in its first year as a merged entity, UCSF Stanford now expects to end 1999 with a $60 million deficit.

For help through the financial troubles, UCSF Stanford retained the Hunter Group, a consulting firm that worked to eliminate a similarly crippling deficit at UC San Diego. The Hunter Group

(SEE UCSF STANFORD ON PAGE 7)

Officials ask employees to be on guard

UCSF employees should be on guard for expected protests this month by animal rights groups.

Activists promise to gather at UCSF on Monday and Tuesday, June 14 and 15 as part of a series of demonstrations planned across the country by the Coalition to End Primate Experimentation.

Campus security officials recommend that anyone involved in research using animals should take the following precautions:

- Keep doors locked at all times, especially on June 14 and 15.
- Pay attention to all individuals you do not recognize near your lab or at secure entrances and exits. Don't allow entry through a secure entrance to anyone you don't recognize, and don't prop open locked doors to the outside.
- Ask individuals you don't recognize if you can help with their errand and remain near them until satisfied they have a legitimate purpose to be in the building. Only individuals with legitimate business have the right to be in a hall or anywhere else except publicly accessible areas, including the sidewalks, Saunders Court, and building lobbies.
- Stay alert and call the campus police at 9911 if your suspicions are aroused in any way.
- Carry your campus identification card with you to avoid confusion.

Researchers report progress in treating prostate cancer

BY JEFFREY NORRIS

Researchers and clinicians described promising treatments for prostate cancer and reported new findings on the basic mechanisms of the disease at the third annual UCSF Cancer Center Symposium on May 25.

The day-long event drew national cancer experts from UCSF, UCLA, UC Berkeley, Stanford and Baylor College of Medicine to focus on prostate cancer, which kills more men than any other cancer except lung cancer.

Several interesting treatment approaches are in trials or on the horizon. Thus far, these trials primarily have focused on patients with advanced prostate cancer for whom standard therapies have already failed to halt tumor growth and for whom expected survival time has dwindled to mere months.

In the area of immunotherapy, a fast-moving clinical research field, Cancer Center urologist Eric Small described progress in priming white blood cells called dendritic cells to fight cancer. The cells are removed from the patient, exposed to a target protein found only on prostate tissue, and then reintroduced into the bloodstream along with one of the body's own immune system stimulants, called GM-CSF, which drives the prostate-targeted dendritic cells to proliferate. The dendritic cells seek out cancer cells that originated in the prostate and promote their destruction.

Small did not report clinical outcomes, but in several dozen patients at UCSF studied thus far the cancer-targeted white blood cells proliferated in every single patient. All the patients had cancer that had spread to other tissues and which no longer responded to hormonal therapy used to treat recurrent or widespread cancer. The trial is being opened up to patients with earlier stage prostate cancer, those whose blood levels of a protein called PSA, a marker of prostate cancer, has just begun to rise again after surgery.

Jim Allison, an immunologist at UC Berkeley with a joint appointment at UCSF and a member of the UCSF Cancer Center, described basic research studies that have led to a new immunotherapy strategy, one he and Small are using to design a new clinical trial for prostate cancer. Immune cells stimulated to proliferate can be likened to driving a car. Over the last several years, Allison's

(SEE PROSTATE ON PAGE 6)

UCSF-led team offers new insight into dyslexia

BY JENNIFER O'BRIEN

Researchers are reporting direct neurological evidence that the region of the brain that processes brief, rapidly successive sounds is functionally abnormal in adults with the reading disability known as dyslexia.

The findings, documented through simultaneous brain imaging and behavioral tests, strongly indicate, the researchers say, that adult dyslexics have an enduring neurological deficit in their ability to process these brief, rapidly successive sounds.

They suspect that the deficiency contributes to difficulties in early speech and language learning, and leads to a weakness in the subsequent mental leap in abstraction to words on a page that enables people to learn to read.

Perhaps the most provocative aspect of the finding, the researchers say, is the clear and direct neurological evidence that reading deficits are generated, at least in part, by a deficit at a very fundamental level of cortical processing of sound inputs.

"Our findings indicate that there is a basic problem in signal reception, as complex sound information streams into the cerebral cortical system underlying aural speech representation," says the senior author of the study, Michael Merzenich, the Francis A. Sooy professor of otolaryngology and a member of the Keck Center for Integrative Neuroscience at UCSF. "The way that the brain processes sound in poor readers is very different from its processing and representation of rapidly changing sound inputs in competent readers.

"Our research indicates that adult dyslexics are representing the sound parts of words by the activation of cortical neuron populations in a weaker and less salient form within their cortical aural speech processing system. We believe that they, therefore, are not delivering the normal forms of representation of the separable sound parts of words to the regions of the brain involved in speech perception and reading," he says.

The authors emphasize that their findings do not discount the additional involvement of higher levels of brain processing in dyslexia, where more complex combinations of information lead to the recognition and interpretation of speech.

At the same time, they argue that the very elementary defect in the brain's processing of sound must be playing an important role in the generation of relatively weak neuronal representations of the sound parts of aural speech. And this elementary neurological deficit, they say, could provide a target for remedial therapies aimed at training the brain to increase the speed and accuracy with which it processes rapidly successive and rapidly changing sounds.

University of California San Francisco
UCSF
Public Affairs
University Publications

PRIVATE SUPPORT

UCSF is pleased to acknowledge the following gifts/pledges of $25,000 or more from individuals, corporations and foundations received May 9–22.

$500,000 or more

The Herbst Foundation, Inc.

$250,000 - $499,999

Estate of Frank Glump

$100,000 - $249,999

Becton Dickinson Immunocytometry Systems

Foundation for Cardiac Research

The Mental Insight Foundation

Mount Zion Health Systems, Inc.

$25,000 - $99,999

Acoustic MedSystems

Annie L. Henry

Longs Drug Stores California, Inc.

Ortho Biotech, Inc.

Shirley Reich

Estate of Joan S. Sinton

Robert F. Spetzler

United Way of the Bay Area

UCSF NEWSBREAK

(ISSN0891-6063) Volume 14, Number 12, June 5 – 8, 1999. Published by the University of California, 3333 California St., Suite 103, San Francisco, CA, 94143-0462, 26 issues per year — semimonthly January through February, April through June, August through December; biweekly two months, March and July. Periodical postage paid at San Francisco, CA. POSTMASTER: Send address changes to UCSF Newsbreak, Mail Services, 1855 Folsom St., Suite 156, SF 94143-0888.

DEADLINE for the next issue, to cover June 19 – July 2, 1999, will be on **FRIDAY, JUNE 11.** Please fax news to Newsbreak at 476-3541 or mail to Box 0462 or email to lcisneros@pubaff.ucsf.edu. Send calendar items to Nancy Heller at nheller@pubaff.ucsf.edu or Box 0462. Fax last-minute copy to 476-3541. For address and distribution changes, call C.J. Burleson at 476-6791.

The University of California is an affirmative action/equal opportunity employer. UCSF fully ascribes to the Americans with Disabilities Act. To view this communication in an alternate format, contact Lisa Cisneros at 476-3256 with your suggestions.

ASSISTANT VICE CHANCELLOR PUBLIC AFFAIRS:
Carol Fox

EXECUTIVE EDITOR:
Jeff Miller

EDITOR:
Lisa Cisneros

CONTRIBUTORS:
Jeffrey Norris, Andy Evangelista, Nancy Heller and the UCSF News Services staff

COPY EDITOR:
Daniel Rowe

SENIOR DESIGNER:
Martha Fitzgerald

DESIGN & PRODUCTION:
Victoria Maier

PRINTED WITH SOYBEAN INKS

This publication is printed on recycled paper using soybean-based inks.

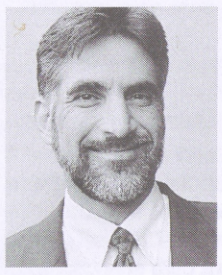
University of California
San Francisco

UCSF

Public Affairs
University Publications

Appointments

Susan M. Levings: Appointed assistant dean, planning and communications, UCSF School of Pharmacy. For the last 10 years, Levings has worked in the office of University development and alumni relations. Her most recent position was as director, campaign operations.



Margolis

Todd Margolis, associate professor of ophthalmology, School of Medicine: Appointed director of the Francis I. Proctor Foundation, an organized research unit at UCSF for 51 years.

Margolis says his major goal will be to continue to uphold the long-standing mission of the foundation, which is "Prevention of blindness worldwide through research and training focused on infectious and inflammatory ocular disease."

As director he is responsible for the routine business such as allocating resources, setting high academic and ethical standards for the faculty, establishing mechanisms for fund raising and recruiting new faculty.

"I have a particular interest in supporting and promoting the careers of the junior faculty associated with the foundation, increasing the visibility of the foundation's faculty and research within the UCSF community as well as with the UC Berkeley School of Public Health and maintaining the high quality of our fellowship training program," says Margolis.

Margolis joined the faculty at UCSF's department of ophthalmology and the Proctor Foundation in 1991. Director of the Ralph and Sophie Heintz Research Lab at the Proctor Foundation since he joined the faculty, Margolis also directs the AIDS eye clinic at SFGHMC.

A 1977 graduate of Stanford University, Margolis received an MD and PhD from UCSF in 1984 and completed his residency in ophthalmology and a fellowship in infectious and inflammatory eye disease training at UCSF. He also did additional fellowship training and two years of postdoctoral research in viral pathogenesis at UCLA.

Mary Norton, assistant clinical professor, department of obstetrics, gynecology and reproductive sciences: Appointed director of UCSF's Prenatal Diagnosis Center.

Norton completed her fellowship in maternal-fetal medicine and medical genetics at UCSF in 1993 and served on staff at Brigham and Women's Hospital and Harvard Medical School until she returned to UCSF last year.

She earned her MD from the University of Washington and completed an internship and residency in obstetrics and gynecology at Tufts University Affiliated Hospitals in Boston before starting her fellowship at UCSF, which earned her a Society of Perinatal Obstetricians Award for Outstanding Research by a Fellow-in-Training. Her major research interests include prenatal ultrasound diagnosis of genetic syndromes.

Raine

Tina Raine: Appointed as an assistant professor, department of obstetrics, gynecology and reproductive sciences, and medical director of the department's adolescent health center, the New Generation Health Center.

A former Robert Wood Johnson Scholar at the University of Washington, Raine completed both her MPh and her residency in obstetrics and gynecology at that institution. She received her MD degree from UC San Diego.

Prior to her appointment as a faculty member at UCSF, she served as a fellow in family planning research in the department of obstetrics, gynecology and reproductive sciences.

She recently received a four-year grant from the Robert Wood Johnson Foundation to study motivations toward childbearing and the prevention of pregnancy among a diverse population of adolescents.

Dental school gets record gift

The UCSF School of Dentistry recently received a bequest of $6.5 million, the largest single gift in the dental school's history.

The bequest came from the estate of Gladys Barber of San Francisco. Barber's deceased husband, Leland, was a member of the School of Dentistry's Class of 1919.

The gift will be used to establish two Leland A. and Gladys K. Barber Distinguished Professorships in Dentistry, each funded at $2.5 million. The balance of the bequest will be used to fund an endowed chair. Specifics have yet to be worked out but all three positions will be designed to provide the broadest benefit to the dental school, says Dean Charles Bertolami. These endowed positions will generate the annual income necessary to support the efforts of three distinguished scholars.

"Bequests such as the Barbers' are critical because, although the UCSF School of Dentistry is a public institution, 75 percent of our funding comes from sources other than the state of California," Bertolami says. "If UCSF is to remain a leader in dental education and to help set the course for the future of the dental profession, we must depend on private philanthropy."

LISA CISNEROS

Filipinos honor Giacomini

Kathleen Giacomini, chair of the department of biopharmaceutical sciences in the School of Pharmacy, was honored May 24 by an employee and student group during the final event of Asian Pacific American celebration at UCSF.

Bert Luistro, president of the United Filipino Employee Association, right, and Jeffrey Mariano, a third-year medical student and president of the Pilipino Students Association, presented the award.

Giacomini was recognized for outstanding achievement and as the first Filipino-American to be appointed chair of an academic and research department at UCSF. A UCSF faculty member since 1981, Giacomini is a leader in efforts to tailor drugs to fit individuals based on their genes.

Novel cancer projects get support

Five UCSF Cancer Center members are the first recipients of the Stewart Trust Cancer Research Award, which supports innovative pilot projects that seek new methods for prevention, diagnosis, and treatment of cancer.

Selected among 19 research projects were those proposed by Ira Herskowitz, professor, biochemistry & biophysics; Nigel P. Killeen, assistant professor, microbiology & immunology; Emma Shtivelman, assistant professor, pathology, and Cancer Research Institute (CRI); David Toczyski, assistant professor, biochemistry & biophysics, and CRI; and William W. Weiss, assistant professor, neurology.

Sponsored by the Alexander and Margaret Stewart Trust, the awards provide a total of $150,000 in funding distributed among the following five projects.

- Herskowitz seeks to learn more about resistance to the drug cisplatin, which is used to treat several cancers and is particularly effective against testicular cancer.

"Our studies seek to identify the types of genetic alterations that can cause cells to have increased resistance to cisplatin. We are carrying out our studies with the simple eukaryote, the yeast *Saccharomyces cerevisaie,* and have identified four genes that control resistance. These studies may lead to ways to increase the potency and efficacy of cisplatin."

- Killeen will create a new mouse strain using gene targeting technology to better understand myeloid leukemia. "Once created, the strain will carry in its genome an engineered chromosomal abnormality that arises frequently in tumor cells from people with myeloid leukemia. By creating this mouse strain, we hope to learn more about why the abnormality is a common characteristic of leukemia cells. Our project is intended to test the hypothesis that the abnormality will confer an increased susceptibility to leukemia. By understanding how this genetic alteration contributes to disease, we hope to develop new approaches for preventing, diagnosing, and treating myeloid leukemia."
- Shtivelman's project focuses on halting metastasis with a new gene that inhibits blood vessel growth. "Our previous work showed that a new gene named CC3 inhibits metastasis of lung cancer cells and other tumor cells. When CC3 is introduced into highly malignant lung cancer cells it stops their metastasis. We have preliminary observations that CC3 might inhibit metastasis because it forces tumor cells to produce an activity that inhibits growth of new blood vessels. We propose to purify and identify this potentially new factor that might be active in suppressing metastasis."
- Toczyski's project seeks to make chemotherapeutic agents, thought to work by blocking the function of specific proteins in the cell, safer. "Many of these molecules are used not only by the tumor cells but also by other cells in the body, and thus oncologists are unable to treat patients with high enough doses to kill all the tumor cells. Chemists must further their efforts to identify molecules or processes which, when blocked, will cause death in a cancer cell, but which can be inhibited with no negative outcomes in normal tissue. We have defined a novel pathway, which is not required for the growth of normal cells but may be required for growth in some tumors."
- Weiss aims to uncover the pathogenesis of astrocytomas, a common and generally incurable malignancy affecting both children and adults. In many of these tumors, the gene encoding Epidermal Growth Factor Receptor (EGFR) is present in multiple copies, suggesting that mutation of EGFR contributes to the pathogenesis of astrocytoma. "I have created transgenic mice that overexpress a version of EGFR in the brain, and these mice develop oligodendroglioma, a related brain tumor that is less common than astrocytoma. I propose to make a transgenic mouse in which expression of EGFR should be limited to astrocytes, to ask whether over-expression of EGFR plays a causal role in the development of astrocytoma. Such mice should represent a faithful model for human astrocytoma, and should be useful to better understand the genetics of this disorder, and as a preclinical model for therapy."

Roundworm finding may offer insight into human aging

BY JENNIFER O'BRIEN

Researchers at UCSF have determined that signals from the reproductive system influence the lifespan of the nematode roundworm *C. elegans,* a phenomenon that could offer insight into the impact of reproductive development on aging in humans.

In the May 27 issue of Nature, they report that signals from germ cells — the sperm and egg in humans — shorten lifespan, while signals from the somatic gonads, the part of the reproductive tissue that surrounds the germ cells, lengthen lifespan, sending equal but opposite signals.

If the cells that give rise to the germ line are removed, the animals remain youthful longer, and live much longer than normal. The explanation is not due to the failure of the animals to produce progeny — which researchers have speculated causes wear on the body, and thus aging — because animals that fail to have progeny for other reasons age normally.

Instead, the lifespan of the animal appears to be sensitive to the balance between signals from the germ line and somatic tissue. The authors speculate that this system allows the animal to coordinate its rate of aging with the development of its reproductive system, so that it produces progeny when it is still youthful.

The researchers also report that the reproductive signals act by modulating the activity of two genes — DAF-16 and DAF-2 — in a hormone signaling pathway whose components resemble those of the insulin and IGF-1 hormone systems in humans. The researchers previously discovered that these genes regulate aging in *C. elegans.*

As the pathway closely resembles the insulin/IGF pathways in humans, researchers suspect that lifespan may be regulated in a similar way in higher organisms, including humans. (Many basic biological processes, such as cell growth and tissue formation, are known to occur similarly in nematodes and humans.)

The signals identified in the microscopic nematode have not been characterized, but the researchers suspect that at least one may be a small peptide hormone similar to insulin or IGF-1.

The new findings, says the senior author of the study, Cynthia Kenyon, the Herbert Boyer professor of biochemistry and biophysics at UCSF, indicate that lifespan is not a fixed and immutable process but instead a very plastic one, subject to change by hormonal signals. These new findings imply that the roundworm's insulin/IGF-1 system integrates multiple signals to define the rate of aging of the animal.

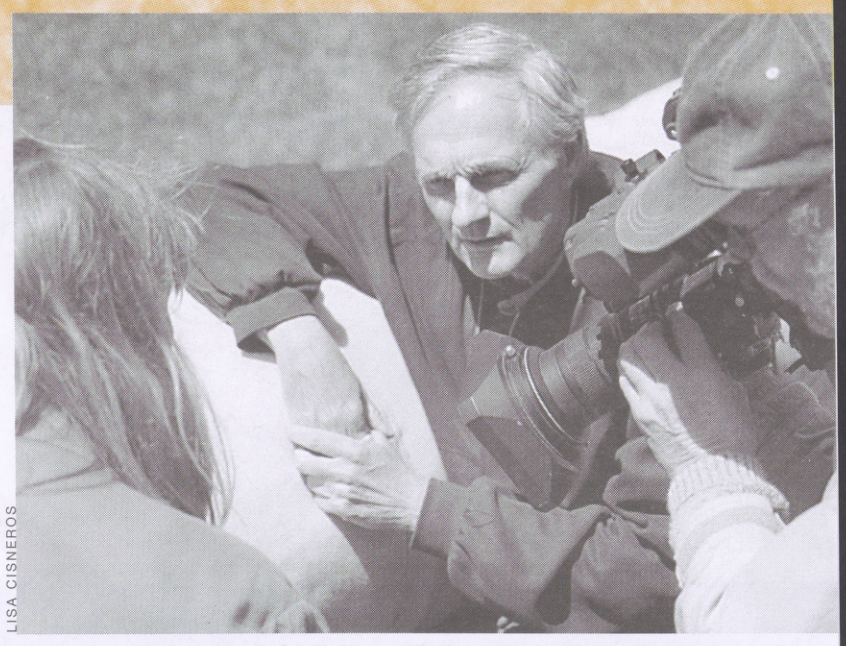
"We suspect," she says, "that the DAF-2/DAF-16 system acts as a master regulator to control development and aging in response to environmental signals, such as food, as well as internal signals that reflect the state of the reproductive system."

External factors affecting the rate at which reproductive cells develop could, in turn, influence the aging of the individual animal.

"Our finding demonstrates an inherent relationship between the reproductive state of *C. elegans* and its lifespan, which may have implications for the co-evolution of reproductive capability and longevity," said Kenyon. "The germ cells can effectively rule the life span of this animal."

"Now we want to identify the signals that are produced by the reproductive system and to find out how their production is regulated."

Ultimately the researchers would like to find out if the reproductive system's impact is universal for other organisms, such as mice, fruiflies and, of course, humans.



LISA CISNEROS

Actor Alan Alda spent the day with Cynthia Kenyon, the Herbert Boyer professor of biochemistry and biophysics at UCSF, interviewing her about her research on genes involved in aging in the nematode roundworm *C. elegans* for the PBS program Alda hosts, Scientific American Frontiers. The program will air in January.

research roundup

Researchers find protein spurs cancer

Scientists analyzing human breast tumors have discovered that the tumors produce large amounts of a "fetal" form of a protein that can spur uncontrolled cancerous growth.

The findings pinpoint a clear target for new cancer drugs, the researchers say. Turning off this unsuspected fetal form of the protein would rob tumors of a potent cancer growth stimulant.

The protein is one form of the insulin receptor. Its other — "adult" — form is a crucial part of the pathway that lowers blood sugar.

"We have found that in these cancers, the insulin receptor largely reverts to its fetal stage, where its prime mission is to spur rapid cell division," says Ira D. Goldfine, UCSF professor of medicine and physiology. Many cancers are known to express fetal proteins, he adds.

In addition to its value in developing new drug strategies to control breast cancer, the research finding may offer a more immediate message, Goldfine suggests.

"Breast cancer has both genetic and lifestyle components," he says. "We know that both a sedentary lifestyle and obesity cause levels of insulin to rise excessively. This rise, in turn, activates insulin receptors. Now that we have found — to our surprise — that the fetal insulin receptor is overproduced in breast tumors, it would seem that women who are prone to develop breast cancer are at greater risk if they are sedentary or obese because they may have more insulin available to activate fetal insulin receptors.

"We're not saying that the insulin receptor causes breast cancer," he stresses, "but it is possible that it aids or stimulates tumor growth once the tumor has been established."

In examinations of human breast cancer cells and tumor specimens, the scientists discovered that the insulin receptor is present in two slightly different forms — small amounts of the familiar adult form which binds only insulin, and larger amounts of the fetal form which can bind either insulin or a related growth factor known as IGF-II. It is when the fetal form docks with insulin or IGF-II that rapid cell division ensues, stimulating cancer growth, the researchers report.

The research is a collaboration between UCSF's Goldfine and two laboratories in Italy.

JENNIFER O'BRIEN

Model shows how to eradicate trachoma

A new mathematical model, based on known disease transmission rates, predicts that plans to eliminate the leading cause of preventable blindness cannot succeed unless the worst areas of infection receive special treatment.

Trachoma, a bacterial eye infection, affects some 150 million people worldwide with children particularly vulnerable. Reinfection causes scarring that can lead to blindness, and currently, some six million people have been left sightless from the infection. Arid, rural regions of Africa, the Middle East and parts of Asia are areas of the greatest concentration.

The infection is completely treatable with antibiotics and is the target of a planned World Health Organization (WHO) project, "GET 2020" (Global Elimination of Trachoma by the year 2020).

The plan is to treat infected people with a proven antibiotic called azithromycin, donated by Pfizer Inc. But while annual antibiotic treatment will eliminate the disease in most regions, it will not be sufficient to do so in the areas where trachoma among children is most prevalent, according to UCSF researchers.

"Our model shows that in areas where the incidence of trachoma is high — where more than half of the kids are infected — the disease will just bounce back after the annual treatment due to reinfection," says Tom Lietman, assistant professor of ophthalmology at UCSF's Proctor Foundation.

The good news offered by the computer-generated models, the UCSF researchers say, is that annual antibiotic treatment will eliminate trachoma in most regions, and that by treating the worst pockets of infection twice a year instead of annually, this blinding scourge can, in fact, be purged.

WALLACE RAVVEN

Smoke-free law OK for business

Despite claims by the tobacco industry and its allies that smoke-free restaurant ordinances discourage tourism, a new study shows that cities and states that barred smoking in restaurants experienced no drop in hotel visitors, and in some cases registered increases after the smoke-free laws went into effect.

The three-state, six-city analysis is the first to systematically examine tourist volume in a number of localities before and after smoke-free ordinances were enacted. Research focused on tourism in California, Utah and Vermont as well as in the cities of Los Angeles, San Francisco, New York, Boulder, and Flagstaff and Mesa, Arizona.

"This study debunks the tobacco industry allegation that smoke-free restaurant laws adversely affect tourism," write Stanton Glantz, professor of medicine at UCSF and Annemarie Charlesworh, both members of UCSF's Institute for Health Policy Studies.

The researchers compared pre- and post-ordinance hotel room revenues with hotel revenues for the entire country. In addition, since the issue of smoke-free ordinances on international tourism had been raised in California, Utah and New York City, they obtained data on the numbers of international tourists for these localities.

Utah and the cities of Mesa, New York and Los Angeles each showed a statistically significant increase in the rate of tourism after the smoke-free ordinance went into effect. California, Vermont, San Francisco and Boulder showed no significant change, and Flagstaff experienced a significant slowing in its rate of increase, but no loss.

"Legislators and government officials can enact such health and safety requirements to protect patrons and employees in restaurants from the toxins in second-hand smoke without the fear of adverse effects on tourism," says Glantz. "Indeed, these ordinances may even be good for business."

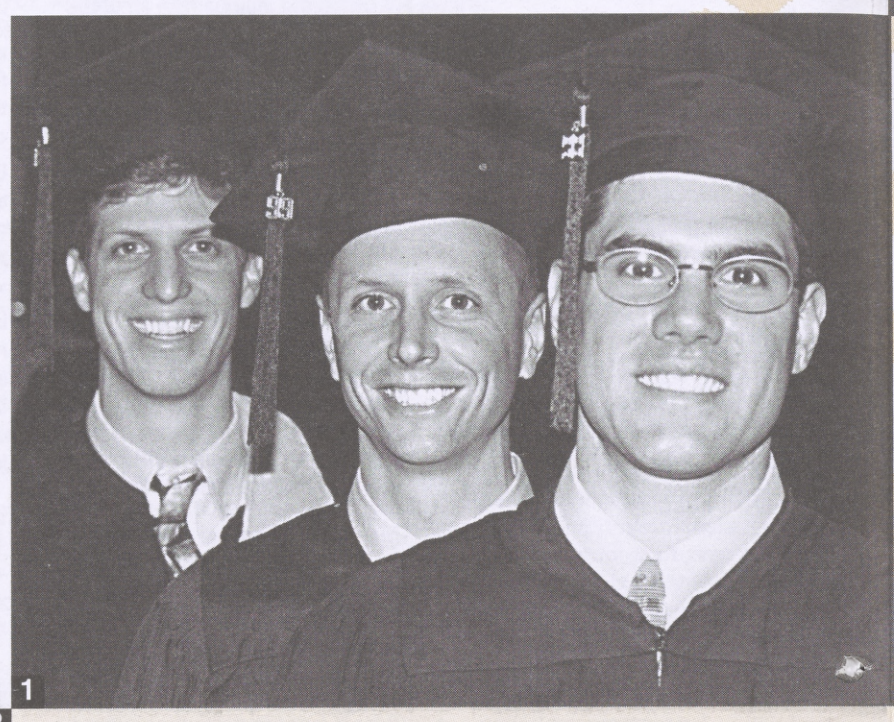
Glantz is a tobacco industry scholar and a longtime advocate of smoke-free ordinances.

The research was supported by the National Cancer Institute and a gift from Edith and Henry Everett.

WALLACE RAVVEN

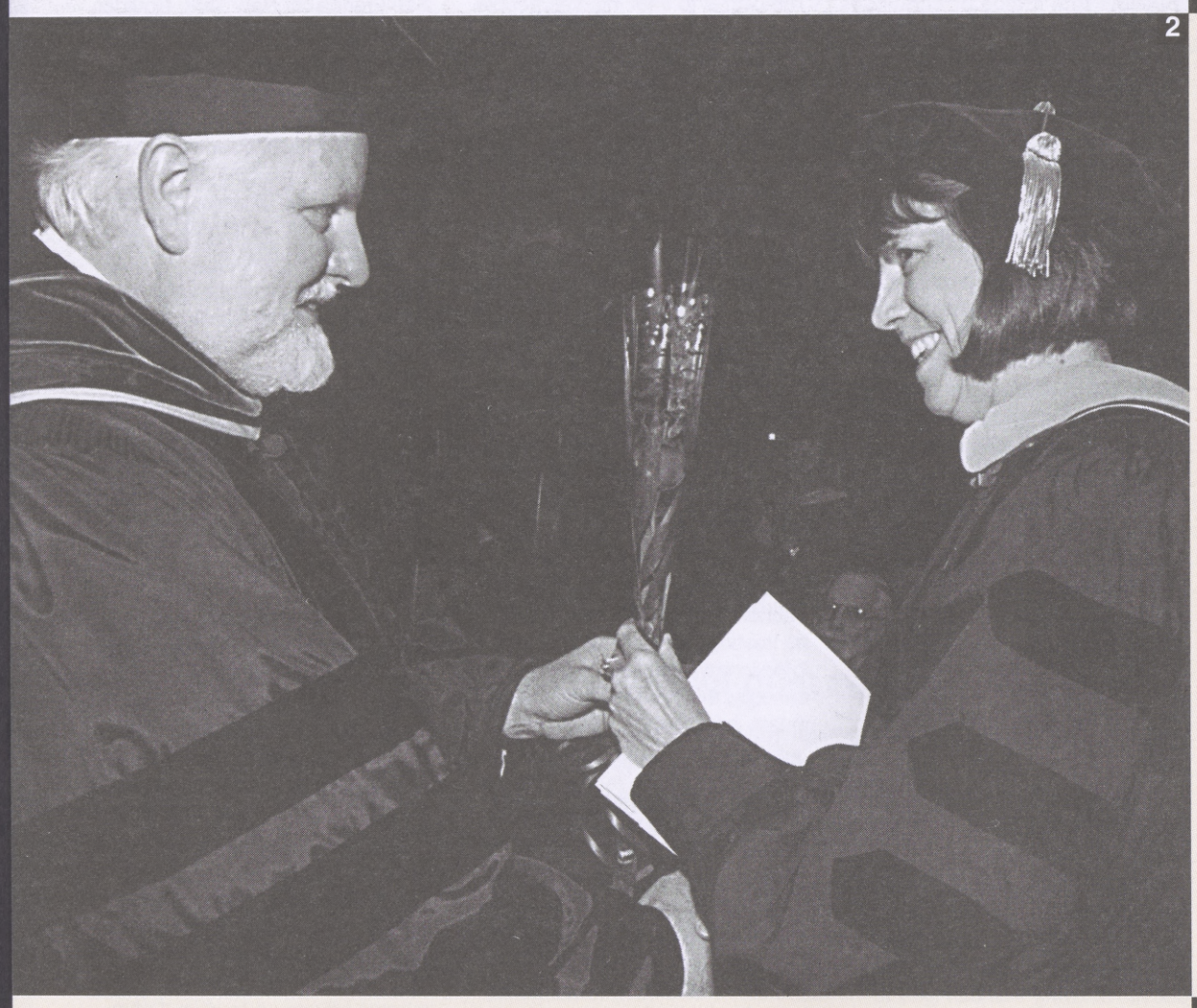
School of Medicine Graduate Division commencement

Photos by Chris T. Anderson


1

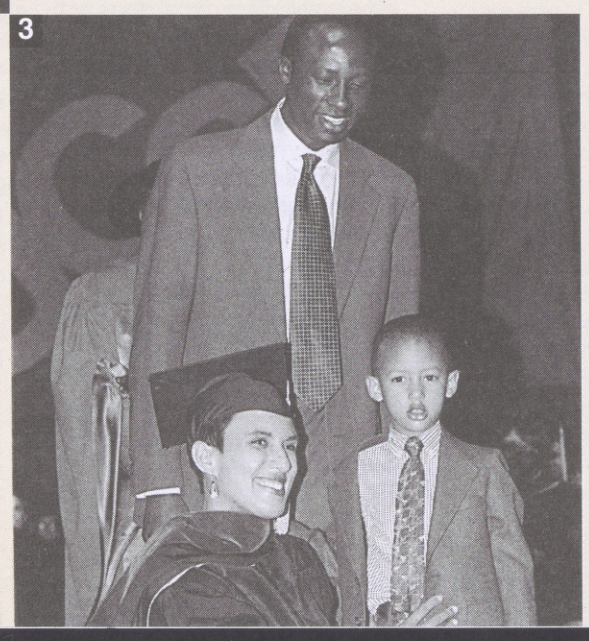
1. The UCSF Graduate Division toasted the accomplishments of students and faculty at its May 21 commencement ceremonies in Cole Hall. Among the Graduate Division's 39 students to receive master's degrees in physical therapy are, from left, Chris Sorich, Mark Hunt and Matt Sheehy. Degrees were also presented to one student in oral biology along with 23 doctoral students from various departments.

2. Dean Clifford Attkisson presented a rose as a token of appreciation for the dedicated service of Jane Norbeck, dean of the UCSF School of Nursing who will relinquish her administrative role to return to teaching and research in July.


2

The medical school also honored its faculty by presenting the following awards for excellence in teaching:

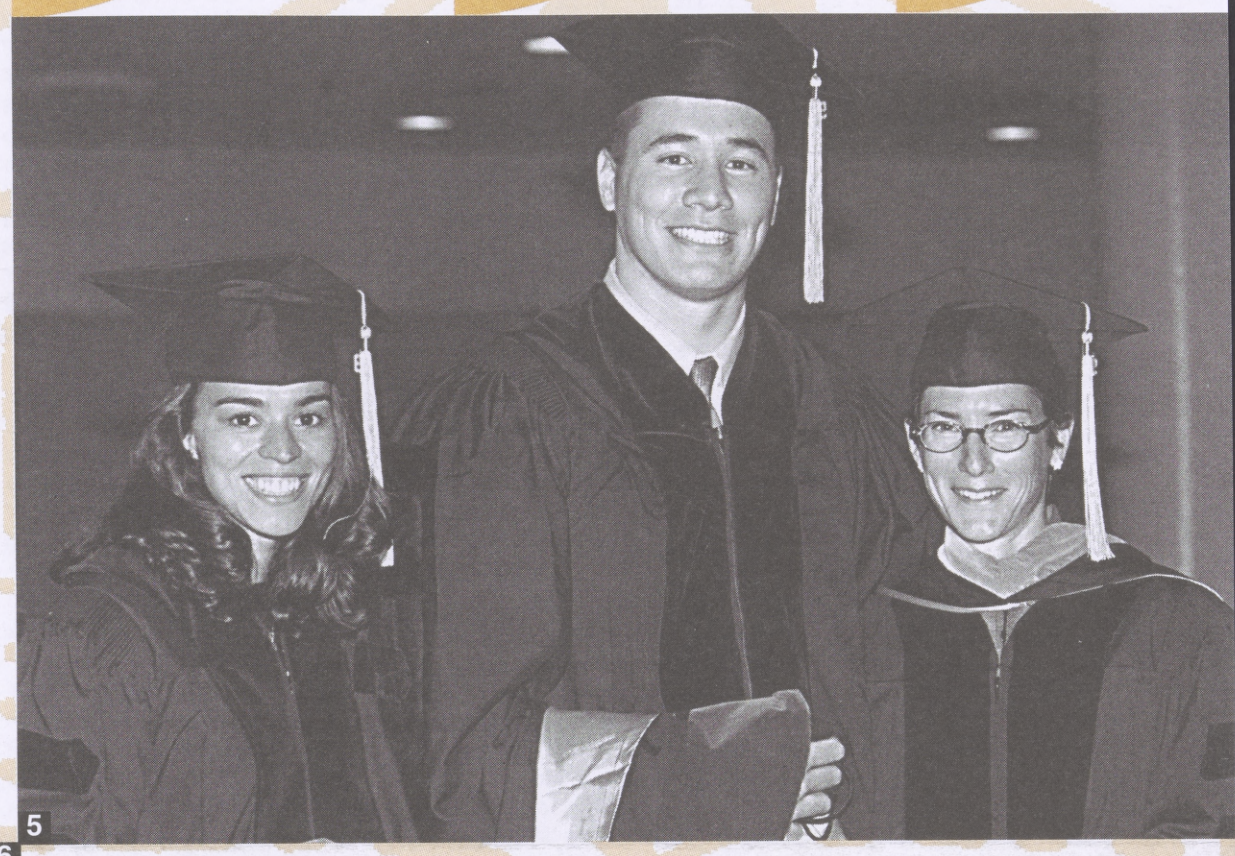
- Pre-clinical faculty: Warren E. Levinson, professor emeritus, microbiology and immunology; Daniel H. Lowenstein, professor in residence, neurology, neurological surgery and anatomy; Diane D. Ralston, associate adjunct professor, anatomy and neurological surgery; Henry C. Sanchez, assistant clinical professor, pathology; Sexton D. Sutherland, adjunct professor, anatomy.
- Clinical teaching faculty: G. David Elkin, associate clinical professor, psychiatry; G. Thomas Evans Jr., associate clinical professor, medicine; Henry I. Goldberg, clinical professor, radiology; Wade S. Smith, assistant professor, neurology; Lawrence M. Tierney Jr., professor in residence, medicine.
- Housestaff: Marion Buckwalter, neurology; Kelli Bullard, surgery; Ashish Jha, medicine; Daniel Levi, pediatrics; Virginia Winn, obstetrics, gynecology and reproductive sciences.
- The Maria Teresa Maino-Dixon Award for Student Advocacy went to Daniel H. Lowenstein.
- Kaiser Awards for Excellence in Teaching were presented to: Dana S. Rohde, assistant adjunct professor, anatomy and physiology, for basic science; Kim P. Norman, assistant clinical professor, psychiatry, in the clinical faculty category; Edward S. Kersh, clinical professor, medicine, volunteer clinical faculty; and Michael O'Shaughnessy, assistant clinical professor, obstetrics, gynecology and reproductive sciences, clinical faculty, UCSF-Fresno Medical Education Program. The Kaiser Awards were established by the Henry J. Kaiser Family Foundation and winners are nominated by medical students and housestaff.


3

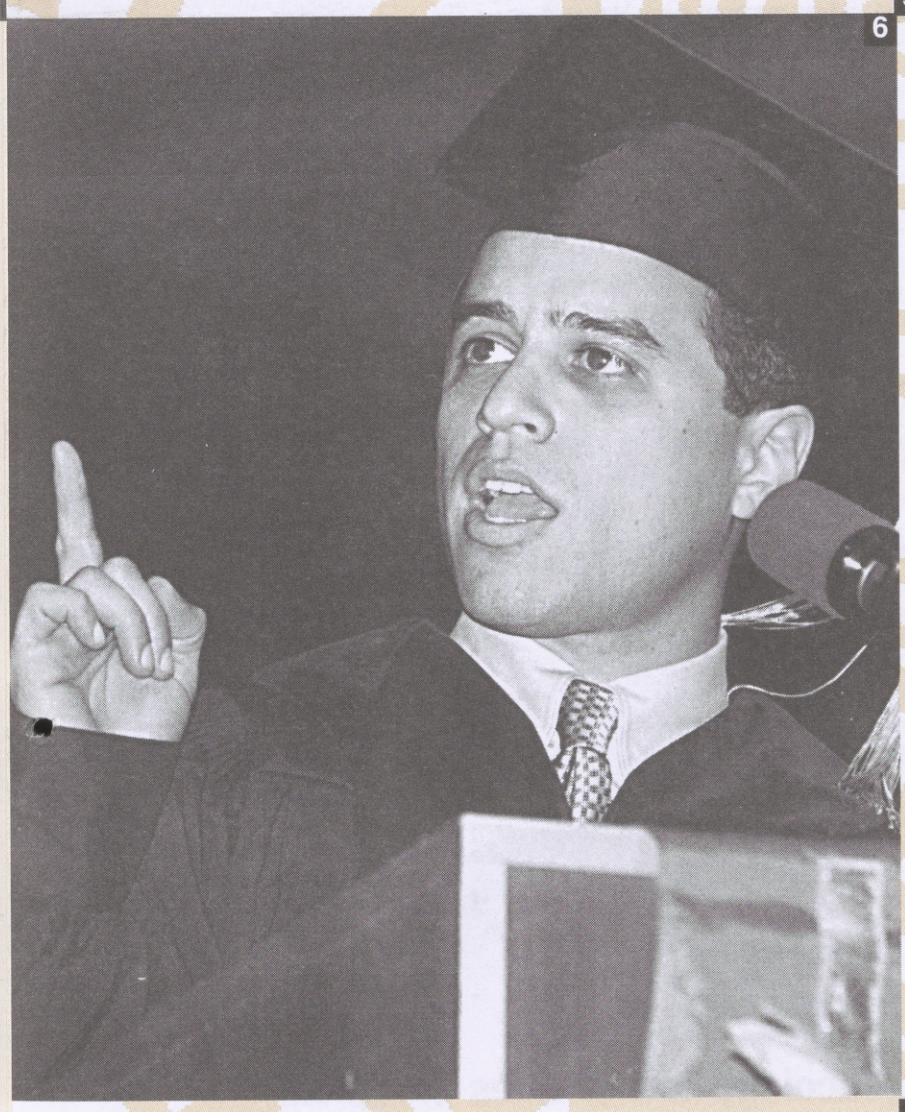
3. The UCSF School of Medicine awarded diplomas to 160 students who made up the Class of 1999 at commencement ceremonies on May 21 at the Nob Hill Masonic Center. Among the graduates are Kirsten Bibbins-Domingo, who celebrated the moment with her husband and son.

cement 1999

4. Elizabeth Blackburn, chair of the department of microbiology and immunology, delivered the commencement address at the Graduate Division ceremonies.

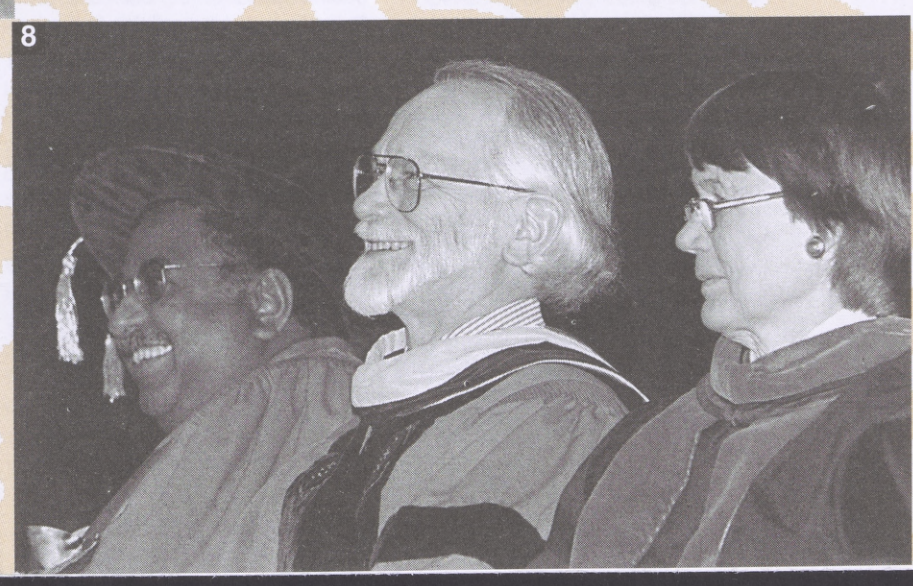


5. The three medical school graduates nominated for the Gold-Headed Cane Award are, from left, Sonia Angell, Peter Tucker and Susan Ehrlich. Tucker is this year's winner of the School of Medicine's highest honor. The award is presented to the UCSF medical student judged by the graduating class as best exemplifying the qualities of a "true physician." Tucker will enter a family practice residency program at Maine Medical Center in Portland, Maine. Angell and Ehrlich both will do their residencies in internal medicine-primary care at Brigham and Women's Hospital in Boston.



6. School of Medicine graduate Zubin Damania delivered a humorous speech at commencement.

7. The Graduate Students' Association and the Graduate Division Alumni Association presented special faculty mentor awards to Thomas K. Hunt, vice chair and professor of surgery, and Harriet W. Hopf, assistant professor of anesthesia.



8. Enjoying the commencement speech by Damania are, from left, Dean Haile Debas, Chancellor Mike Bishop and Dorothy Bainton, vice chancellor for academic affairs.

State, Mexico's universities to link via high-speed Internet2

Plans for a new high-speed Internet2 linkage between California and Mexico were unveiled May 20 with the endorsement of Gov. Gray Davis and Mexican President Ernesto Zedillo Ponce de Leon.

The two leaders endorsed a joint memorandum of understanding providing for the connection between universities in California and Mexico. The memorandum establishes an agreement for the linkage between California's Corporation for Education Network Initiatives in California (CENIC) and Mexico's Corporacion Universitaria para el Desarrollo de Internet (CUDI). Officials of the two organizations signed the memorandum along with Davis and Zedillo.

"The new high-speed Internet2 link between institutions of higher education in California and Mexico will enhance collaboration among researchers, teachers and students," Davis says. "It will enrich learning, research and innovation on both sides of the border."

CENIC is a not-for-profit corporation formed by the University of California, California Institute of Technology, California State University, Stanford University and University of Southern California to advance the use of communications technology in research and education at California's universities. CUDI performs this role for universities and other research institutions in Mexico.

"Linking together Mexico's and California's advanced networks will enable our universities to share powerful instruments and supercomputers, enrich learning through real-time interactions, share medical research and diagnostic capabilities, and reach into each others' libraries," says M. Stuart Lynn, chairman of the CENIC board of directors. "Together, we can solve important educational, social and research problems to improve the lives of people everywhere."

As one of their first projects, CUDI and CENIC will initiate the Virtual Learning Space (VLS), a high-speed computer network using Internet2 technologies that will speed development of digital libraries, distributed computing networks and the implementation of remote organization-to-organization operation of research laboratories.

The Internet2 initiative is a collaborative effort among 140 universities, private businesses and the federal government. It is managed by the University Corporation for Advanced Internet Development (UCAID), which has also entered into a joint memorandum of understanding with CUDI.

California's segment of the national Internet2 project is CalREN-2, which links the California CENIC universities together and provides them access to Internet2 universities and organizations worldwide.

(PROSTATE FROM PAGE 1)

research team has learned how the immune response is accelerated and braked by distinctly different molecules. Allison has tested an antibody that disconnects the brakes in mice with prostate cancer, and found that the tumors shrank.

Small also discussed preliminary findings from studies of PC-SPES, a Chinese nutritional supplement consisting of eight different herbs that previously had been little studied despite its ongoing popularity with men who have prostate cancer. The herbs have properties similar to estrogen and seem to act, at least in part, as a hormonal therapy. In Small's study to date, PC-SPES treatment has led to a drop in PSA in a majority of men who had already stopped responding to standard hormonal therapy, and in all men who had not yet received hormonal therapy.

Whether or not physicians take them seriously, alternative therapies are commonly sought out by cancer patients, noted Cancer Center researcher Debu Tripathy, who described the challenges of conducting clinical trials for alternative therapies. He leads a breast cancer study of herbs used for at least 2,500 years in Tibetan medicine. The herbal regimens are being selected by an esteemed Tibetan physician and administered under the guidance of an acupuncturist and herbalist. It took more than two years to obtain an investigational new drug license from the Food and Drug Administration for the trial, Tripathy said.

In the quest to understand the mechanisms of how prostate cancer arises, Thea Tlsty head of the Cancer Center's "Cell Cycle Disregulation" program, described important signals exchanged between prostate cells known to form cancer and their surrounding support cells. When this communication between cell types goes awry, yet-to-be-identified secreted factors from the support cells send a signal to the cancer-forming cells that triggers a key step in their progress toward cancer. Such factors might serve as useful targets for new cancer therapies, Tlsty said.

In other basic research talks, Owen Witte of UCLA's department of microbiology and molecular genetics described the challenges of identifying, tracking and targeting markers that are unique for prostate cancer. Tim Thompson of the Baylor College of Medicine in Houston discussed "caveolae," cave-like indentations in the surfaces of normal cells that are needed to transmit growth and other signals from the exterior of the cell to the cell nucleus.

Allison Whittemore, department of epidemiology and health research and policy at Stanford University, outlined prostate cancer risks, and Peter Carroll, chair of the department of urology and member of the UCSF Cancer Center, talked about he and Deborah Lubeck are developing approaches which will be best for evaluating the outcomes of prostate cancer treatments. Andy Grove, Intel founder and leader of the UCSF Prostate Cancer Research Advocacy CORE, offered his own perspective on the optimal organization of prostate cancer research, advocating researchers to take a coordinated approach to problem solving.

LISA CISNEROS

Fundraising feast

More than 200 people showed their support of pediatric patients while feasting on foods prepared by chefs from 13 of the Bay Area's finest restaurants and wines from Napa and Sonoma counties at the gourmet kitchen store, Sur La Table, in San Francisco. Organized by the Hospitals Auxiliary of UCSF Medical Center, part of UCSF Stanford Health Care, the event garnered $30,000 for patient amenities that have been requested by staff. Attendees included Olympic gold medal winning figure skater Kristi Yamaguchi, who helped draw raffle winners as part of her commitment to pediatric causes through her foundation, Always Dream, and San Francisco Supervisor Gavin Newsom. Pictured above, are Yamaguchi, Bill Kerr, chief operating officer of UCSF Stanford, and Jackie Kuhn, president of the auxiliary.

Elect UC retirement service rep

In June, active University of California Retirement Plan (UCRP) members who are not members of the Academic Senate will elect a member among 11 candidates vying for seats on the UC Retirement System (UCRS) board.

The UCRS board advises the President of the University on administration of the University's retirement system.

This year's UCRS board election will be conducted by telephone with votes cast and tabulated by means of an automated telephone system.

Each of the 11 candidates was nominated by a petition of at least 50 active non-Academic Senate UCRP members. The candidates are: Alfred L. Cucchiara, Los Altos National Laboratory (LANL); Nicholas S. Dannemiller, UCLA; Victoria B. Escherich, UCLA; Elish Hathaway, UCLA; Mark Livingston, UC Berkeley; Verne W. Loose, LANL; Linda J. Maisner, UCLA; John R. Sandbrook, UCLA; Steven J. Shaevel, UCLA; Ruth M. Simon, UCLA; and Lori C. Stein, UCLA.

Election materials, including candidates' statements and step-by-step instructions for voting by telephone, will be mailed at the end of May. Any eligible UCRP member who has not received these election materials by Thursday, June 10, should call UC Human Resources/Benefits' customer service number at 1-800-888-8267.

Ecology lesson takes first prize

A lesson plan that explores rodent anatomy, owl dining habits and ecosystems was recently judged the winner in the annual Science and Health Lesson Plan Contest, sponsored by UCSF in collaboration with the San Francisco Unified School District.

One of many programs sponsored by the UCSF Science and Health Education Partnership (SEP), the contest is designed to encourage middle school students to work in teams to examine a subject in depth by developing lessons for younger students.

Seventh graders Bart Hull and Uriel Escorcia of Horace Mann Middle School in the Mission District presented their ecology lesson to a George Moscone Elementary School class before winning the $500 prize, which they will share with their school's science department. First-, second- and third-place winners were all recognized with awards May 17 in a ceremony at UCSF.

(UCSF STANFORD FROM PAGE 1)

recommended that UCSF Stanford immediately reduce expenses by $170 million to return the organization to a break-even point in 2000. The Hunter group also advised UCSF Stanford to make $100 million in financial improvements over the next year, either by cost savings or increased revenues. The UCSF Stanford board of directors accepted the recommendations.

At the May 20 meeting of the UC Board of Regents at UCLA, Regent Frank Clark, a longtime opponent of the merger, called for its immediate dissolution. And while no other Regents echoed his sentiments, several said they want increased supervision over financial matters.

Having been an enthusiastic supporter of the merger, Debas, dean of the School of Medicine and a member of the UCSF Stanford board of directors, told the Regents he will continue to support the merger, but "only if it is good for UCSF."

"I believe that the reasons for creating the merger are even more compelling today than they were in November 1997, and the merger has never been more important if we can make it work. It is my belief that we must make it work, we can make it work and we will make it work," he said.

Debas and other UCSF Stanford officials say dissolving the merger would cost more money and would eventually weaken both institutions by pitting them against each other in an already cutthroat managed care marketplace where payers have driven reimbursement for specialty services to a low level.

In an interview last week, Debas described the causes of the financial problems and what UCSF Stanford is doing to solve them.

A broken system

Debas attributes the financial deficit to a poor payer mix, high expenditures at UCSF and UCSF/Mount Zion and the effects of the Balanced Budget Act (BBA) of 1997, which reduces Medicare subsidies for graduate medical education and other Medicare payments to academic medical centers.

At UCSF, expenses rose for labor, supplies and drugs. In the first 18 months of the merger, UCSF Stanford added 400 new full-time equivalents (FTEs) at the north campus, Debas says. Employees were hired at UCSF to handle more patients, improve information technology, develop new purchasing and payroll systems and improve billing operations, among other duties.

Revenues have been particularly flat at UCSF, which has a less lucrative payer mix than Stanford. UCSF serves 11 percent fewer private fee-for-service patients, 4 percent more Medi-Cal, 4 percent more capitation, and 3 percent more Medicare patients than Stanford. Since UCSF serves more Medicare patients, the impact of the BBA is greater at UCSF than at Stanford.

UCSF Stanford officials, who expect BBA losses will amount to nearly $200 million over the years up to 2002, are working with the Association of American Medical Colleges (AAMC) to ask federal representatives to support a bill introduced to Congress by Senator Daniel Patrick Moynihan. The bill aims to freeze the effect of the BBA on graduate medical education funding. The AAMC forecasts that the total loss sustained by all teaching hospitals by year 2002 will amount to $14.7 billion as a result of the BBA. But even if Moynihan's bill passes, UCSF Stanford will still face the challenges brought on by the much-maligned managed care market system.

"I think the American people will have to come to grips with this," Debas says. "The system is broken. I think there is something wrong when the health of a person is traded on Wall Street."

In the absence of a sound national health care policy, market forces have led to consolidations of HMOs in the Bay Area and the growth of large health care purchasing pools. In 1993, these purchasing pools began demanding reductions in their premiums, a demand that HMOs accepted but quickly passed down to the providers.

The changes have led to bankruptcies of physicians, some of whom joined medical groups in an attempt to protect themselves and their practices. But medical groups are no safe haven — the Brown & Toland Medical Group, a partnership of UCSF and California Pacific Medical Center, is facing financial deficits as well.

"I think the health care system is about to implode," Debas says. "The profits to be made in health care have all been squeezed."

Debas predicts the next shift in health care will come when employers give an allowance to their employees asking them to buy their own health care plans. "When this happens, the public will really get involved and they will force a national debate on the future of health care," Debas says.

Reality check

While the process of returning to financial stability will be difficult, UCSF Stanford must also resolve other issues that have hindered the working relationship of its clinical faculty. For example, plans for creating pilot multidisciplinary service lines have not been realized, except for those for adult cardiac, pediatric cardiac and pediatric neurosurgery. The potential for expanding clinical research and collaborations in graduate medical education remains, but UCSF Stanford has to face some realities.

"The UCSF Stanford merger has proven more complex and challenging than any of us expected," Debas says.

First, the 40-mile distance between the two academic medical centers makes it very difficult for busy clinicians to work collaboratively on a regular basis.

Second, the fact that the schools remain separate — with faculty having strong institutional loyalty — inhibits the full integration and improvement of medical training since they still compete to recruit residents and faculty.

Third, the merged organization has been stymied by a public-private culture clash among the faculty used to different styles of decision making. UCSF faculty are accustomed to the system of shared governance in which they have a role in the decision-making process as it affects the academic mission.

"We made mistakes," Debas admits. "We tried to force collaborations from the top down. I have asked for a change of 180 degrees. We must let the faculty tell us what to do and give incentives to them for coming up with strategies that will work."

By appointing chief medical officers at both UCSF (Ted Schrock) and Stanford (Peter Gregory) instead of one at the Executive Park headquarters, UCSF Stanford has strengthened local control. This change pleases faculty and staff who have been disillusioned and disconnected with the centralized decision-making process.

In the meantime, faculty at UCSF and UCSF/Mount Zion are deeply concerned that the financial crisis will result in cuts that will harm the academic mission.

Debas says he's concerned too. "The primary purpose of the merger is to support the academic missions of the schools by having a profitable hospital system," he says. "If it fails to support that mission then the merger will not continue."

Critical differences also exist in management philosophy and practice, particularly the ways funds flow from the hospital system to the clinical departments. UCSF Stanford has attempted to make the funds-flow process uniform and consistent between both campuses, with common incentives for faculty, but the plan has yet to be carried out successfully, Debas says.

These woes, coupled with financial pitfalls, have exacerbated the process and progress of merging patient care operations at UCSF and Stanford, Debas says.

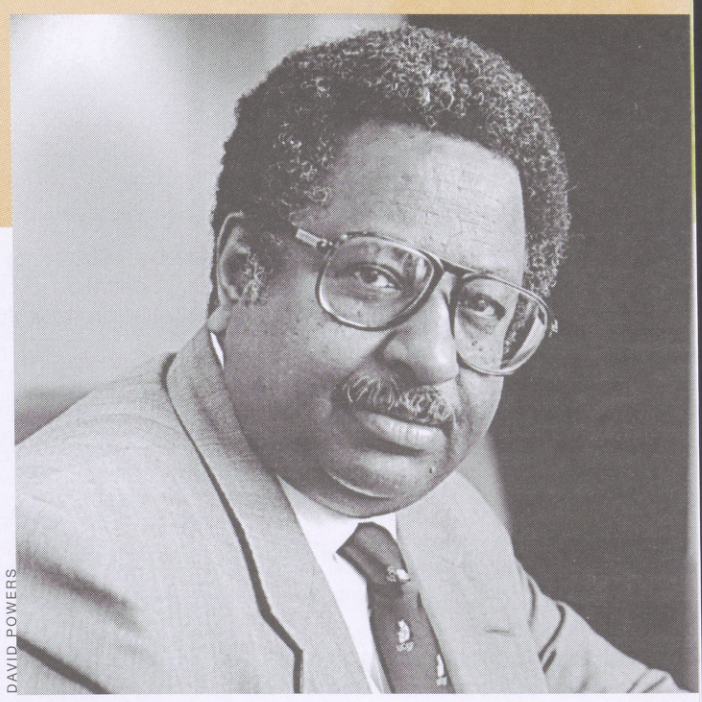
Financial recovery

UCSF Stanford is in the midst of a financial recovery plan that calls for reducing expenses by $170 million, two-thirds or $112 million of which, will come from a phased reduction of about 16 percent of its workforce over the next year. UCSF Stanford will lay off 780 FTEs, with 450 positions to be eliminated at UCSF.

Another 22 percent, or $38 million in savings, will come through reductions in drug and supply costs. The remaining 12 percent, or $20 million, will come through a variety of other measures to reduce expenses, including controls on spending for consultants, employee education and training, campus services provided to the clinical enterprise and other such costs.

To spur revenues, UCSF Stanford is renegotiating with private insurers to bring reimbursements closer to the costs of providing care. UCSF Stanford recently negotiated a series of contract revenue increases.

Of critical importance, though, is keeping better track of its $1.5 billion budget. UCSF Stanford lacked adequate and timely financial information to manage itself properly until the second quarter of its second year in operation, Debas says.



DAVID POWERS

Haile Debas

The UCSF Stanford board has asked its executive committee to be the Turnaround Oversight Committee, which meets every two weeks regularly to review progress with Chief Executive Officer Peter Van Etten and his senior management team. The board also asked Bill Kerr, chief operating officer, to oversee UCSF hospitals.

UCSF faculty and staff are also concerned that the quality of patient care will be compromised to balance the budget. UCSF Stanford officials say the merged organization is considered overstaffed in comparison to other academic medical centers and that, even after the proposed reductions, will have sufficient staff to deliver high-quality care. Nevertheless, UCSF Stanford will continue with traditional measures of medical quality and the Clinical Services Executive Board at UCSF has recommended that faculty and staff have an opportunity to respond to patient care issues by emailing ideas to Schrock at (schrockt@medcenter.ucsf.edu).

The most controversial part of the financial recovery plan is the proposed restructuring of operations at UCSF/Mount Zion, which faces a potential loss of $40 million this year, largely because of lower reimbursement for hospital services. Ideas under consideration include:

> The UCSF Stanford merger has proven more complex and challenging than any of us expected.

- moving clinical programs and their hospitalized patients from UCSF Medical Center to UCSF/Mount Zion and thus allow Parnassus programs to expand;
- operating only those functions at UCSF/Mount Zion that relate to outpatient physician practices and the outpatient clinical cancer center, including outpatient surgery, lab and radiology services, infusion and outpatient renal dialysis;
- operating all outpatient services described above plus an inpatient short-stay unit for patients requiring less than 72 hours in the hospital, including maintaining the ancillary and support services necessary to run a short-stay unit.

Committees have been formed to allow faculty physicians, staff, community members and trustees to take part in the process of reviewing proposed changes for UCSF/Mount Zion.

Responding to faculty concerns about the timing of his sabbatical to begin July 1, Debas has modified his plans. He will return for two weeks at a time every two months so that he can attend the meetings of the UCSF Stanford board and meet with chairs and faculty "to review the impact of the cutbacks." Debas also will participate by telephone in the weekly meetings of the UCSF Advisory Group to keep current on the issues and to participate in the decision-making process.

think before you throw

17

The number of trees saved for every ton of recycled paper purchased. Buy tree-free or high post-consumer waste paper products.

University of California San Francisco

UCSF

Facilities Management Recycling Program

recycling@fm.ucsf.edu

calendar

June 5–18, 1999

5 saturday

NURSING REUNION: The School of Nursing's "First Doctoral Reunion," June 5-10, features a special dinner in honor of Dean Jane Norbeck's 10 years of service. More information: Barbara Mow: 476-1805.

RESTORATIVE DENTISTRY: Alton Lacy presents "Better Materials and Techniques for Restorative Dentistry," 8:30 a.m.-4:30 p.m., Cole Hall, Parnassus. Learn how to select materials and techniques which produce good results in aesthetic and general restorative dentistry. Fees. More information: 476-1101.

HOUSING OPTIONS: A "Workshop on Housing Issues and Options for Bay Area Seniors," 9:30 a.m.-3 p.m., Laurel Heights, 3333 California. Topics include: assisted living, subsidized senior housing and continuing care retirement communities. Registration fee is $10. Seating is limited and advanced reservations are required. Sponsored by the Goldman Institute on Aging in affiliation with the UCSF/Mount Zion Center on Aging and AARP. Call 750-5342.

LOW VISION FORUM: The department of ophthalmology presents "Low Vision Forum," 11 a.m.-1 p.m., ACC main lobby, 400 Parnassus. Hear readings from "Perceiving the Elephant – Essays on Eyesight" by author Frances Leif Neer. Free. Call 626-5313.

6 sunday

FOR MANAGERS & LEADERS: UC Santa Cruz hosts "Innovation and Tradition: UC in the 21st Century," the 1999 UC Management and Leadership Conference (UCML), June 6-8, San Jose Fairmont Hotel. Onsite registration begins at noon on Sunday and the conference ends at 2 p.m. on Tuesday. Register online at www2.ucsc.edu/bas/ucml. More information: 831/459-3777 or email: cfaris@cats.ucsc.edu.

YOUNG ARTISTS' RECITAL: Millberry Programs & Services hosts "UCSF Young Artists' Recital," noon, Cole Hall, Parnassus. Share and spread the joys of music. Free. $1 validated parking available in the MU parking garage.

7 monday

HEALTH POLICY SEMINAR: Leonard Duhl, professor, UC Berkeley, School of Public Health, presents "Healthy Cities: The Context of Health and Medical Care," noon-1:30 p.m., Laurel Heights, 3333 California St., Rm. 263. Sponsored by the Institute for Health Policy Studies and the Institute for Health & Aging. Call 476-4541.

CANCER SUPPORT: The UCSF Clinical Cancer Center and Ida & Joseph Friend Cancer Resource Center offer a support group for "Young Adults with Cancer," 5:30-7:30 p.m., 2200 Post St. More information: 885-3693.

FOR YOUR EYES ONLY: Richard Abbott, professor of clinical ophthalmology and co-director, cornea and refractive surgery service, part of UCSF Stanford Health Care, presents "Better Vision Now," 6 p.m., 8 Kirkham St. Learn new surgery options for vision correction. Free. Call 476-5021.

8 tuesday

GRAND ROUNDS: Joy Wang, resident, department of oral & maxillofacial surgery, presents "My England Experience," 8 a.m., C 701, Parnassus.

WRITING CLASS: UCSF Development & Training offers "Basic Business Writing Skills for Assistants," 8:30 a.m.-4 p.m. Build the skills to confidently tackle any writing task. Fee. More information: 476-4032 or enroll online at http://training.ucsf.edu.

BOYER SEMINAR: The department of biochemistry & biophysics presents Aaron Turkewitz, depts. of molecular genetics & cell biology, University of Chicago, on "Genetics Goes Ballistic: Analysis of Regulated Polypeptide Secretion in Tetrahymena," 4 p.m., HSW 301, Parnassus. Sponsored by the Herbert W. Boyer Fund.

NUTRITION WORKSHOP: Mitzi Dulan, registered dietician, presents "Lose the Fat, Keep the Muscle," 6-7 p.m., MU Fitness Center, Parnassus. Learn tips on how to rev up your metabolism and maintain muscle mass. Call 476-1115.

CANCER SUPPORT: The UCSF Clinical Cancer Center and Ida & Joseph Friend Cancer Resource Center offer a support group, 6-7:30 p.m., 2200 Post St. Guest speaker: Carla Gress, speech and language pathologist. More information: 587-1841.

DANCE WORKSHOP: Millberry Programs & Services presents a "Salsa & East Coast Swing Workshop," 7:15-9:10 p.m., MU Fitness Center. Learn two of the hottest dances today in just two sessions – June 8th & 15th. Call 476-1115.

9 wednesday

GI SEMINAR SERIES: Norah Terrault, adjunct assistant professor, GI Division, presents "Epidemiology of Sexual Transmission of HCV," 8-9 a.m., S 214, Parnassus.

PROJECT MANAGEMENT TRAINING: UCSF Development & Training offers a "Step-By-Step Guide to Project Management," 8:30 a.m.-4 p.m. Create a dynamic project plan. Fee. More information: 476-4032 or enroll online at http://training.ucsf.edu.

GI GRAND ROUNDS: Ellen Hughes, interim director, UCSF Osher Center for Integrative Medicine, presents "Alternative Therapies for GI Disease," 9-10 a.m., S 214, Parnassus.

BLOOD DRIVE: Donate blood, 10 a.m.-3:30 p.m., S 118 (Chancellor's Conference Rm.), Parnassus. Tasty refreshments and great raffle prizes. Call 476-6989.

NON-VIOLENCE WORKSHOP: Human Resources offers a training for all employees related to UCSF's policy of "Zero Tolerance for Violence in the Workplace," 11 a.m.-1 p.m., Laurel Heights auditorium. Presenters include: Human Resources, Labor and Employee Relations, The Faculty and Staff Assistance Program, legal counsel, campus police and the Center for Gender Equity. No reservation required.

BROWN BAG LECTURE: John D.B. Featherstone, professor and interim chair, restorative dentistry and dental public health & hygiene, UCSF, presents "Dental Decay: Can It Be Eradicated?" 12:10 p.m., enter at 513 Parnassus, then go to HSW 300. Free. Sponsored by Public Service programs. Call 476-4394.

PSYCHOTHERAPY SEMINAR: Mardi Horowitz presents "Stress Response Syndromes: Clinical Evaluation," 3-3:50 p.m., LPPI 371, Parnassus. Sponsored by the department of psychiatry. Call 476-7730.

CANCER CENTER SEMINAR: Carlos Cardon-Cardo, director, molecular pathology, Memorial Sloan-Kettering Cancer Center, presents "Applications of Molecular Pathology: Determining Prognosis and Treatment Protocols," 4-5:15 p.m., HSW 300, Parnassus. Light refreshments provided. Sponsored by the UCSF Cancer Center. Call M.J. Norman at 502-5190.

SMOKING CESSATION: Classes held Wednesdays from 5:30-7 p.m., for one month, UCSF/Mount Zion. This month-long interactive course will focus on smoking and health, addiction, strategies for quitting and motivation. Fee. More information: 885-3693.

WORKSHOP ON STRESS: Millberry Programs & Services offers a "Stress Management Workshop," 6-9 p.m., MU Fitness Center. Discover signs of stress and learn survival techniques. Call 476-1115.

GOLF WORKSHOP: Millberry Programs & Services offers an "Advanced Beginner Golf Class," Wednesdays, June 9-July 7, 6:30 p.m., Mission Bay Golf Course, San Francisco. More information: 476-1115.

10 thursday

MEDICAL GRAND ROUNDS: John M. Luce, professor of clinical medicine & anesthesia, SFGHMC/UCSF, presents "Withholding and Withdrawal of Life Support from Critically Ill Patients," noon-1 p.m., N 225, Parnassus. Sponsored by the department of medicine.

NEUROLOGY SEMINAR: The neurology department, School of Medicine, presents "Neurology for the Primary Care Practitioner," June 10-11, Radisson Miyako Hotel, 1625 Post St., San Francisco. This course is designed to provide a review of common neurological problems and their management. Fees. Call 502-1795 to register.

COLE HALL CINEMA: "Mary Jane's Not a Virgin Anymore," NR, 5:45 & 7:45 p.m., Cole Hall, Parnassus. Tickets: $2-3.50. Call 476-6932 or visit the website at www.empact.ucsf.edu.

11 friday

INSURANCE BENEFITS TRAINING: Daniel Fortuno, national disability benefits specialist, presents a two-day course for staff members on "Health Insurance Benefits," 10 a.m.-noon, 2356 Sutter St., 3rd Flr. Conf. Rm. (second day will be offered June 25.) This is an excellent opportunity for staff to learn about public and private benefits. Sponsored by the Cancer Resource Center. More information: 885-3693.

GRAND ROUNDS: Robin Randall, child psychiatry resident VI, Langley Porter Psychiatric Institute (LPPI), presents "Remote Trauma & Play Themes: A Case for Play Therapy," 10:30 a.m.-noon, LPPI auditorium, Parnassus. Sponsored by the department of psychiatry. Call 476-7730.

CANCER SUPPORT: The UCSF Clinical Cancer Center and Ida & Joseph Friend Cancer Resource Center offer a support group titled "Head & Neck Cancer," 1:30-3 p.m., 2200 Post St. Contact: 885-7623.

CANCER SEMINAR: Amer Mirza, postdoctoral fellow, McMahon Lab, presents "Oncogenic Transformation of Cells by Akt and Its Cooperation with the MAPK Pathway," 4-5 p.m., 2340 Sutter St., S 173. Call M.J. Norman at 502-5190 or email: mjnorman@cc.ucsf.edu.

COLE HALL CINEMA: See June 10 listing. Showtimes are 6:30 & 8:15 p.m.

12 saturday

ON MENOPAUSE: UCSF hosts an all-day educational symposium titled "Embracing Menopause: Traditional & Alternative Approaches," 8:30 a.m.-4:30 p.m., Laurel Heights Conference Center, 3333 California St. UCSF's leading women's health experts present the most up-to-date information on menopause. Sponsored by the UCSF National Center of Excellence in Women's Health, UCSF Women's Health and UCSF Women's Health Resource Center. Fee. Call 476-0668.

14 monday

SUMMER DAY CAMP FOR KIDS: Outdoors Unlimited offers "Summer Day Camp," through Aug. 27. Details may be found at www.outdoors.ucsf.edu/ou or by calling Jolie Karno at 476-1469.

HEALTH POLICY SEMINAR: Carol Allen, director, professional & community education, Goldman Institute on Aging and Rena Diamond, community organizer, Senior Action Network, present "Opportunities and Barriers in Conducting Research on Community-based Services," noon-1:30 p.m., Laurel Heights Campus, 3333 California St., Rm. 263. Sponsored by the Institute for Health Policy Studies and the Institute for Health & Aging. Call 476-4541.

FOR YOUR EYES ONLY: David Hwang, professor of clinical ophthalmology and co-director, cornea and refractive surgery service, part of UCSF Stanford Health Care, presents "Better Vision Now," 6 p.m., 8 Kirkham St. Free. Call 476-5021.

CANCER SUPPORT: The UCSF Clinical Cancer Center and Ida & Joseph Friend Cancer Resource Center offer a support group titled "Colo-Rectal Cancer," 6:30-8 p.m., 2200 Post St. Contact Andrew Kneier at 885-7585.

15 tuesday

GRAND ROUNDS: Susan Carter, assistant professor, department of ophthalmology, presents "Eyelid Reconstruction," 8 a.m., C 701, Parnassus. Sponsored by the department of oral & maxillofacial surgery.

EQUIPMENT SALE: Outdoors Unlimited offers a "Summer Equipment Sale," June 15-17. Purchase Marmot sleeping bags, Sierra design tents, Osprey backpacks, Coleman stoves, Wavelength wetsuits and much more! More information: 476-2078.

BROWN BAG LECTURE: Howard Maibach, professor, dermatology, UCSF, presents "Aging and Skin," 12:10-1 p.m., UCSF/Mount Zion, Herbst Hall, 2nd Flr. Maibach will discuss how your skin may last 150 years. Free. Sponsored by Public Services Programs. Call 476-4394.

CANCER SUPPORT: The UCSF Clinical Cancer Center and Ida & Joseph Friend Cancer Resource Center offer a support group titled "Lung Cancer," 3-4:30 p.m., 2200 Post St. Contact: 885-7623.

BOYER SEMINAR: The department of biochemistry & biophysics presents Frances Brodsky, UCSF dept. of biopharmaceutical sciences, who will address "The Mystery of the Clathrin Basket Case," 4 p.m., HSW 301, Parnassus. Hosted by Robert Fletterick and sponsored by the Herbert W. Boyer Fund.

CANCER SUPPORT: The UCSF Clinical Cancer Center and Ida & Joseph Friend Cancer Resource Center offer a support group titled "Husbands & Significant Others," 6:30-8 p.m., 2200 Post St. Contact: 885-7585.

DANCE WORKSHOP: See June 8 listing. Call 476-1115.

16 wednesday

GI SEMINAR SERIES: Ryo Hirosi, surgical fellow, presents "Mouse Models of Intestinal Disease," 8-9 a.m., S 214, Parnassus.

GI GRAND ROUNDS: Peter J. Kahrilas, professor of medicine, Northwestern University, Chicago, presents "Update of Motor Disorders," 9-10 a.m., S 214, Parnassus.

BROWN BAG LECTURE: Jane Mahakian, director, elder care service and visiting research psychologist, Institute for Health & Aging, presents "The ABCs of Elder Planning, "12:10 p.m., enter at 513 Parnassus, then go to HSW 300. Hear how being prepared is the first important step in proper caregiving. Free. Sponsored by Public Service programs. Call 476-4394.

PSYCHOTHERAPY SEMINAR: Mardi Horowitz presents "Stress Response Syndromes: Cognitive-Dynamic Brief Treatment," 3-3:50 p.m., LPPI 371, Parnassus. Sponsored by the department of psychiatry. Call 476-7730.

SMOKING CESSATION: See June 9 listing.

FOR YOUR EYES ONLY: See June 14 listing.

BACKPACKING CLINIC: Outdoors Unlimited offers an "Advanced Beginner Backpacking Clinic" for those who have already taken a beginner clinic or those who would like a refresher. Classroom session: June 16; weekend: June 25-27, Lost Coast. Cost: $42/51/60 (includes instruction, tents, camping/permit fees). Information: 476-0417.

17 thursday

GRAND ROUNDS: Thomas J. Coates, professor of medicine and director, behavioral medicine, presents "Update on HIV Prevention," noon-1 p.m., N 225, Parnassus. Sponsored by the department of medicine.

TOUR MISSION BAY: Public Service Programs offers monthly tours of Mission Bay, noon, every third Thursday. Tours will begin and end at the UCSF library. Interested participants must call 476-4394 at least a week in advance to reserve a spot.

18 friday

JUNETEENTH CELEBRATION: Empact! Presents the "UCSF Gospel Choir," noon, Mission Center Bldg. Free.